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METEOROLOGICAL JOURNAL,

KEPT BY THE ASSISTANT SECRETARY,

AT THE APARTMENTS OF THE

ROYAL SOCIETY,

BY ORDER OF

THE PRESIDENT AND COUNCIL.

OBSERVANDA.

Height of the Cistern of the Barometer above the plinth at Waterloo Bridge....83 feet 2 inches.
——————— above the mean level of the sea .....97 feet.
Height of the receiver of the Rain Gauge above the court of Somerset House ..79 feet.
The External Thermometer is 2 feet higher than the Barometer Cistern.
The Thermometers are graduated to Fahrenheit's scale.
The Barometer is divided into inches and tenths.
The Hours of Observation are of Mean Time, the day beginning at Midnight.
The *daily* observations of the Barometer are *not* corrected.
The *monthly means* are corrected for capillarity and temperature by the Table contained in Mr. Baily's paper in *Phil. Trans.* for 1837.

METEOROLOGICAL JOURNAL FOR JANUARY AND FEBRUARY, 1838.

1838.	9 o'clock, A.M. Barometer uncorrected. Flint Glass.	9 o'clock, A.M. Barometer uncorrected. Crown Glass.	9 o'clock, A.M. Att. Ther.	3 o'clock, P.M. Barometer uncorrected. Flint Glass.	3 o'clock, P.M. Barometer uncorrected. Crown Glass.	3 o'clock, P.M. Att. Ther.	Dew Point at 9 A.M., deg. Fahr.	Diff. of Wet and Dry Bulb Ther.	External Thermometers. Fahrenheit. 9 A.M.	External Thermometers. Fahrenheit. 3 P.M.	External Thermometers. Self-registering. Lowest	External Thermometers. Self-registering. Highest	Rain in inches, Read off at 9 A.M.	Direction of the Wind at 9 A.M.	REMARKS.
JANUARY															
M 1	29.978	29.972	48.3	29.924	29.918	49.2	43	02.3	45.7	48.3	43.8	50.2		SSE	A.M. Fine—light clouds and wind. P.M. Dark heavy clouds. Evening, Overcast—very fine rain.
T 2	29.888	29.882	47.6	29.794	29.786	48.5	43	01.8	45.8	46.7	43.0	48.7		SE	A.M. Overcast—very light mist and wind. P.M. Fine—light clouds and wind. Evening, Overcast—deposition.
W 3	29.642	29.636	47.2	29.692	29.686	47.8	43	02.1	44.3	47.3	43.2	48.8		SSE	Fine—light clouds, with light brisk wind throughout the day. Evening, Fine and clear.
T 4	29.976	29.970	44.8	30.006	30.000	45.7	39	01.8	40.2	46.6	39.4	48.3		S	Fine—light clouds & wind throughout the day. Ev. Fine and clear.
F 5	30.270	30.262	44.0	30.264	30.256	43.3	38	01.2	37.4	36.7	35.8	47.4		W	Thick fog throughout the day. Evening, Foggy.
S 6	30.292	30.284	40.8	30.242	30.236	41.0	34	01.4	35.5	37.7	32.3	38.7		SW	A.M. Thick fog—deposition—light wind. P.M. Light fog. Evening, Deposition—light fog.
⊙ 7	30.304	30.298	40.3	30.306	30.300	40.0	34	02.2	36.7	36.2	35.0	40.4		N	A.M. Light fog and wind. P.M. Overcast. Evening, Fine and clear—sharp frost.
M 8	30.398	30.392	34.9	30.336	30.330	34.8	25	Water frozen.	30.6	31.5	28.8	37.3		NE	A.M. Light snow, with sharp frost. P.M. Overcast—light wind. Evening, Continued frost.
T 9	30.212	30.204	29.8	30.162	30.156	29.3	23		24.0	23.4	23.0	32.8		N	Overcast—light snow nearly the whole day, with light brisk wind.
○ W 10	30.050	30.044	28.8	29.972	29.966	29.7	23		25.3	26.5	23.2	25.6		N	A.M. Cloudy—light wind, with sharp frost—light snow. P.M. Overcast. Evening, Snow—sharp frost.
T 11	29.960	29.954	27.3	30.002	29.996	28.4	21		22.4	28.0	19.8	23.2		NW	Overcast—light snow and wind, with sharp frost the whole of the day.
F 12	30.324	30.316	28.7	30.334	30.326	28.6	20		23.3	26.9	19.7	24.0		NNW	A.M. Dense fog—light wind. P.M. Overcast—fog cleared. Evening, Fog—sharp frost.
S 13	30.314	30.306	26.9	30.234	30.228	27.6	21		21.8	25.2	20.8	27.7		SE	Fine—light clouds and wind, with sharp frost throughout the day. Evening, Overcast.
⊙ 14	29.988	29.984	27.2	29.916	29.912	28.0	20		24.4	25.2	22.0	26.2		NW	A.M. Overcast—light snow—brisk wind. P.M. Lightly overcast. Evening, Fine—sharp frost.
M 15	29.824	29.820	23.6	29.778	29.772	24.3	12		15.7	24.8	14.9	26.3		SW	Overcast—very sharp frost the whole of the day.
T 16	29.850	29.846	25.8	29.922	29.916	27.2	20		27.0	29.3	11.4	26.3		NW	Overcast—light snow, with sharp frost throughout the day. Evening, Very sharp frost.
W 17	30.216	30.208	27.0	30.204	30.198	28.8	21		29.0	30.7	24.2	32.0		NW	A.M. Overcast—light snow and wind. P.M. Fine—light clouds and wind. Evening, Overcast—light snow—frost.
T 18	30.016	30.008	26.9	29.910	29.904	26.3	19		23.3	24.2	23.4	31.5		NE	Overcast—light snow, with light brisk wind throughout the day. Evening, Sharp frost.
F 19	29.786	29.780	25.3	29.786	29.780	25.2	11		21.0	20.5	21.2	25.6		NNE	A.M. Overcast—lt. snow, with light brisk wind. P.M. Fine—lt. clouds. Ev. Overcast.
S 20	29.934	29.928	21.2	29.910	29.904	21.7	14		12.8	21.2	11.5	21.0		NW	A.M. Dense fog. P.M. Fine—lt. clouds. Ev. Light fog—sharp frost.
⊙ 21	29.892	29.886	22.4	29.758	29.752	25.0	16		24.5	31.8	13.8	25.0		ENE	A.M. Fine—light clouds—brisk wind. P.M. Cloudy—light brisk wind. Evening, Fine—light clouds—thaw.
M 22	29.680	29.676	27.7	29.700	29.696	31.0	24		39.8	42.8	24.7	40.3		ESE	A.M. Overcast—light wind and rapid thaw. P.M. Fine—lt. clouds—continued thaw. Evening, Overcast.
T 23	29.706	29.700	33.3	29.662	29.658	34.9	33	01.6	34.4	36.4	32.7	43.3		NE	A.M. Overcast—light brisk wind—continued thaw. P.M. Fine—light clouds. Evening, Overcast.
W 24	29.752	29.748	30.9	29.738	29.734	29.6	23	Water frozen.	26.7	25.7	26.4	37.4		NE var.	Overcast—very high wind—sharp frost the whole day. Ev. Sharp frost.
T 25	29.554	29.548	27.6	29.460	29.454	28.6	21		26.7	27.9	24.8	27.0		ENE	Overcast—brisk wind the whole day. Evening, Sharp frost.
● F 26	29.362	29.356	29.0	29.332	29.326	30.0	24		28.6	29.5	26.4	29.2		ENE	Ditto ditto ditto.
S 27	29.284	29.278	30.2	29.280	29.276	30.8	23		29.8	29.8	28.4	30.4		ENE	Overcast—lt. brisk wind the whole day. Evening, Overcast—frost.
⊙ 28	29.454	29.450	31.7	29.452	29.448	32.0	24		28.7	31.0	28.5	31.0		E	Overcast—light fog and wind nearly the whole of the day. Evening, Overcast—sleet and rain.
M 29	29.464	29.458	33.0	29.510	29.502	35.2	29	01.5	37.8	43.8	28.8	38.4		E	A.M. Overcast—rapid thaw—light fog. P.M. Fine—light clouds—continued thaw. Evening, Overcast.
T 30	29.640	29.634	37.2	29.648	29.640	37.2	32	00.8	35.8	34.2	35.8	44.3	.072*	E	Overcast—light fog, with deposition the whole of the day. Evening, Overcast—deposition.
W 31	29.784	29.778	37.3	29.856	29.850	37.2	31	01.3	35.2	35.3	33.8	36.8	* *Melted snow.*	NE	Overcast—light wind throughout the day. Evening, Overcast.
MEAN.	29.897	29.891	32.5	29.874	29.868	33.1	25.9	01.6	30.1	32.4	27.1	34.4	Sum. .072		Mean Barometer corrected..... 9 A.M. 3 P.M. F. 29.890 .. 29.866 C. 29.883 .. 29.859
FEBRUARY															
T 1	30.076	30.070	35.7	30.098	30.092	35.4	29	01.5	32.8	34.0	32.4	36.0		N	Overcast—light brisk wind with slight frost throughout the day. Evening, Sharp frost.
F 2	30.324	30.316	35.7	30.344	30.336	36.0	28	00.2	32.3	33.7	31.3	34.6		NNW	A.M. Overcast—lt. wind. P.M. Fine—lt. clds. & wind. Ev. Fine & clear.
S 3	30.368	30.360	33.7	30.372	30.364	34.8	27	02.5	30.8	33.5	29.5	34.4		NNE	A.M. Fine—light clouds and wind. P.M. Overcast—light snow and wind. Evening, Fine and clear.
⊙ 4	30.358	30.350	32.0	30.318	30.312	32.2	21	Frozen.	27.3	32.9	26.5	34.4		NNW	Fine—light clouds—sharp frost with brisk wind throughout the day. Evening, Fine and clear. [Ev. Fine & clear.
M 5	30.288	30.282	29.8	30.230	30.224	32.3	23		29.7	35.3	26.3	33.2		NE	A.M. Fine—light clouds—sharp frost with brisk wind. P.M. Overcast.
T 6	30.040	30.034	32.0	29.872	29.866	32.8	25		29.8	34.4	28.2	35.8		ENE	Fine—light clouds—sharp frost with brisk wind throughout the day. Evening, Hail—high wind.
W 7	29.514	29.508	34.2	29.382	29.374	36.3	29	03.0	39.3	43.6	29.8	40.0	.208	SSE	A.M. Overcast—light thaw—brisk wind. P.M. Cloudy—continued thaw and wind. Evening, Rain—high wind.
T 8	29.112	29.108	40.4	28.964	28.956	42.5	35	02.6	44.2	46.7	38.8	46.0	.033	SW	A.M. Fine—nearly cloudless—light wind. P.M. Overcast—light rain—high wind. Evening, Overcast—continued rain & wind.
○ F 9	28.708	28.702	43.7	28.656	28.652	44.4	39	02.1	43.7	43.6	41.8	48.4	.100	SW var.	Overcast—lt. rain—h. wind the whole day. Ev. Deposition—lt. wind.
S 10	29.166	29.160	39.8	29.096	29.092	39.6	30	01.9	32.5	35.2	31.6	46.2	.038	NNE	Ovrct.—sharp frost with lt. brisk wind throughout the day. Ev. Cldy.
⊙ 11	29.356	29.350	36.2	29.422	29.418	36.5	24	02.8	29.3	35.0	27.3	35 5		NW	Fine—light clouds and wind with sharp frost throughout the day. Evening, Fine and clear.
M 12	29.596	29.590	33.6	29.550	29.542	34.2	26	Water Frozen.	28.4	33.6	26.0	35.3		SW	Overcast—light fog with sharp frost throughout the day. Evening, Fine and clear—sharp frost.
T 13	29.534	29.530	31.4	29.536	29.530	32.8	24		26.9	35.0	24.8	34.5		W	A.M. Fine and clear—sharp frost. P.M. Cloudy—sharp frost. Evening, Cloudy—continued frost.
W 14	29.764	29.760	31.3	29.718	29.710	32.8	24		27.9	35.3	26.5	35.2		NW	Fine—lt. clouds & wind throughout the day. Ev. Fine—light clouds.
T 15	29.638	29.632	30.8	29.574	29.568	31.9	25		28.5	30.5	27.0	36.2		NE	Cloudy—light brisk wind with sharp frost throughout the day. Evening, Fine and clear.
F 16	29.536	29.530	31.3	29.596	29.590	32.6	21		29.9	31.8	28.0	31.6		NE	Fine—light clouds—brisk wind with sharp frost nearly the whole of the day. Evening, Heavy snow.
S 17	29.644	29.638	30.8	29.660	29.654	32.0	25		28.6	33.0	26.3	32.5		NE	Overcast—hail, rain, and snow, with high wind. Evening, Thaw—light rain and wind.
⊙ 18	30.048	30.042	33.3	30.130	30.126	34.2	28	01.8	33.2	35.0	28.7	35.3	.222	NW	Overcast—thaw with light wind throughout the day.
M 19	30.166	30.158	34.2	30.048	30.042	36.2	29	01.4	33.5	37.8	32.3	35.5		NE	Overcast—light brisk wind with slight thaw. Evening, Fine and clear—sharp frost.
T 20	29.702	29.698	33.7	29.638	29.632	35.8	25	02.2	31.3	39.7	29.0	38.2		E	A.M. Fine—light clouds and wind. P.M. Overcast—light wind. Evening, Very fine rain.
W 21	29.706	29.700	36.4	29.704	29.698	37.6	31	01.4	35.3	37.7	31.0	40.4		NNE	Overcast—deposition—light wind throughout the day. Ev. Overcast.
T 22	29.700	29.694	36.2	29.644	29.640	37.0	30	02.0	34.2	36.9	32.2	38.3		NE	Overcast—light brisk wind the whole of the day.
F 23	29.478	29.472	37.2	29.378	29.372	37.2	32	01.1	33.8	34 8	33.6	37.4		NE var.	A.M. Overcast—deposition—brisk wind. P.M. Light rain and wind. Evening, Continued rain and wind.
● S 24	28.770	28.768	38.6	28.688	28.684	39.9	35	00.6	39.8	44.5	33.5	40.6	.416	ENE	Overcast—light steady rain with brisk wind nearly the whole of the day. Evening, Fine and clear.
⊙ 25	28.754	28.750	41.5	28.804	28.800	44.0	36	02.9	43.7	48.5	39.7	46.0	.250	SW	A.M. Cloudy—brisk wind. P.M. Fine—light clouds and wind. Evening, Fine and clear.
M 26	28.950	28.946	41.8	28.974	28.968	41 7	37	01.6	38.8	39.3	38.2	48.7		NE	A.M. Overcast—lt. brisk wind. P.M. Light rain. Ev. Heavy rain.
T 27	29.136	29.134	40.2	29.148	29.144	40.6	35	01.7	37.7	38.3	35.0	40.4	.333	ENE	Overcast—light rain with high wind the whole of the day. Evening, Continued rain.
W 28	29.114	29.108	41.4	29.152	29.148	43 8	36	01.0	42.2	47.8	37.3	43.4	.077	S	A.M. Cloudy—light wind. P.M. Fine—light clouds and wind. Evening, Overcast—light rain and wind.
MEAN.	29.591	29.585	35.6	29.561	29.555	36.7	28.9	01.8	33.8	37.4	31.2	38.4	Sum. 1.677		Mean Barometer corrected ..... 9 A.M. 3 P.M. F. 29.577 .. 29.544 C. 29.570 .. 29.536

METEOROLOGICAL JOURNAL FOR MARCH AND APRIL, 1838.

1838.	9 o'clock, A.M. Barometer uncorrected. Flint Glass.	9 o'clock, A.M. Barometer uncorrected. Crown Glass.	9 o'clock, A.M. Att. Ther.	3 o'clock, P.M. Barometer uncorrected. Flint Glass.	3 o'clock, P.M. Barometer uncorrected. Crown Glass.	3 o'clock, P.M. Att. Ther.	Dew Point at 9 A.M., deg. Fahr.	Diff. of Wet and Dry Bulb Thermometer.	External Thermometers. Fahrenheit. 9 A.M.	External Thermometers. Fahrenheit. 3 P.M.	External Thermometers. Self-registering. Lowest	External Thermometers. Self-registering. Highest	Rain in inches. Read off at 9 A.M.	Direction of the Wind at 9 A.M.	REMARKS.
MARCH															
T 1	29.124	29.118	44.3	29.104	29.098	45.6	39	01.8	43.7	47.5	41.8	49.2	.133	S	Lightly overcast, with light wind throughout the day. Evening, Light rain.
F 2	29.094	29.090	45.0	29.122	29.116	45.3	40	01.5	41.7	44.6	40.9	48.0	.088	NE	A.M. Overcast—deposition—light wind. P.M. Overcast—light rain.
S 3	29.246	29.242	44.9	29.222	29.218	45.7	39	02.0	42.0	44.3	41.4	45.0	.063	W	Overcast—light wind throughout the day, as also the evening.
☉ 4	29.030	29.024	42.8	29.000	28.998	43.6	38	00.3	38.5	45.2	37.6	45.3	.105	NE	Overcast—light rain with high wind the whole of the day.
M 5	29.614	29.606	43.7	29.820	29.814	44.8	37	02.1	41.2	43.7	38.4	47.6	.108	NW	Overcast—light wind throughout the day. Evening, Light rain and wind.
T 6	29.796	29.792	46.0	29.826	29.820	47.3	40	02.8	46.6	50.8	40.7	47.0	.161	WSW v.	A.M. Fine—light clouds—brisk wind. P.M. Cloudy—brisk wind. Evening, Fine and clear.
W 7	29.912	29.906	44.8	29.876	29.870	46.4	37	02.1	41.9	49.4	37.0	51.3		W	Fine—light clouds and wind throughout the day.
T 8	30.116	30.108	43.7	30.200	30.194	45.6	36	03.2	42.2	47.3	37.8	50.0		NW	A.M. Cloudy—light brisk wind. P.M. Fine—light clouds and wind. Evening, Fine and clear.
F 9	30.302	30.296	43.2	30.216	30.208	44.2	37	02.0	37.3	44.2	35.2	47.8		NW	A.M. Thick fog. P.M. Fine—light clouds and wind. Evening, Fine—light clouds.
S 10	30.000	29.996	42.0	29.922	29.916	44.4	38	02.9	40.3	45.3	35.0	44.9		SE	Fine—light clouds and wind throughout the day.
○☉ 11	29.778	29.772	43.2	29.780	29.776	44.0	36	03.1	39.8	45.5	36.0	46.4		E	Fine—nearly cloudless—light wind the whole of the day. Evening, Fine and clear.
M 12	30.120	30.114	41.8	30.162	30.154	43.3	35	02.2	38.8	46.4	35.9	46.0		N	A.M. Light fog. P.M. Fine and cloudless. Evening, Fine & clear.
T 13	30.232	30.226	42.2	30.140	30.132	44.2	37	02.8	41.8	48.2	37.0	46.8		SE	A.M. Overcast—light wind. P.M. Light rain. Evening, Overcast.
W 14	30.062	30.054	46.3	30.006	30.000	49.2	43	03.0	50.6	58.0	41.8	51.4		W	Lightly overcast, with light wind throughout the day. Ev. Cloudy.
T 15	29.948	29.944	49.3	29.976	29.970	49.7	43	03.1	46.5	47.3	44.6	58.3		NW	Cloudy—light wind the whole of the day. Evening, Fine & clear.
F 16	29.900	29.896	48.2	29.692	29.686	49.6	39	03.0	41.8	48.6	37.2	48.4		W	A.M. Fine—nearly cloudless—light wind. P.M. Fine—light clouds—brisk wind. Evening, Overcast—heavy rain.
S 17	29.480	29.476	47.0	29.436	29.430	46.8	36	04.8	41.3	45.8	36.3	50.0	.180	NW	Fine—lt. clouds—brisk wind throughout the day. Ev. Fine & clear.
☉ 18	29.618	29.612	46.2	29.618	29.614	45.0	36	04.0	41.0	45.0	36.2	47.0		W	A.M. Fine—lt. clouds & wind. P.M. Cloudy—lt. wind. Ev. Overcast.
M 19	29.610	29.602	44.0	29.618	29.612	45.4	38	02.8	41.2	46.4	39.8	46.0		S	Overcast—light mist nearly the whole of the day. Evening, Overcast—high wind.
T 20	29.222	29.216	47.8	29.256	29.250	49.3	42	03.7	50.2	49.4	41.0	51.7		SW var.	Fine—light clouds—high wind, with occasional hail and rain during the day. Evening, Fine and clear.
W 21	29.394	29.390	50.4	29.338	29.334	46.7	38	05.3	43.7	48.3	36.0	53.3	.055	SSW	A.M. Fine—light clouds and wind. P.M. Cloudy—high wind. Evening, Fine and clear.
T 22	29.522	29.516	45.0	29.564	29.560	45.3	37	03.2	40.0	40.4	35.8	49.3		NW	Overcast—brisk wind throughout the day. Evening, Fine & clear.
F 23	29.580	29.576	44.9	29.518	29.512	43.2	31	03.9	36.3	38.8	31.0	41.8		NW	A.M. Fine—light clouds—brisk wind. P.M. Overcast—light snow, as also in the evening.
S 24	29.566	29.560	43.3	29.522	29.516	44.2	35	03.8	41.0	43.5	35.4	42.6		SSW	A.M. Fine—light clouds and wind. P.M. Overcast—brisk wind. Evening, Light rain.
● ☉ 25	29.820	29.814	49.0	29.932	29.928	45.5	37	05.1	44.8	49.3	36.4	47.2	.036	WSW	Fine—light clouds and wind the whole of the day.
M 26	30.130	30.124	42.9	30.122	30.116	45.8	35	04.0	42.7	51.3	35.2	50.8		NW	Overcast—light brisk wind the whole of the day.
T 27	30.312	30.304	45.0	30.310	30.302	46.2	38	03.5	43.9	53.3	38.4	51.4		NE	A.M. Overcast—light fog and wind. P.M. Fine—light clouds and wind. Evening, Fine and clear.
W 28	30.524	30.518	48.8	30.508	30.500	48.3	40	00.4	43.8	52.0	40.0	54.4		N	A.M. Fine and cloudless—light wind. P.M. Fine and cloudless—light haze. Evening, Fine and clear.
T 29	30.530	30.524	46.0	30.506	30.500	48.3	40	01.8	40.3	56.8	38.7	52.5		NE	A.M. Thick fog. P.M. Fine—light clouds and wind. Ev. Overcast.
F 30	30.488	30.480	50.5	30.370	30.364	51.7	46	04.9	51.8	55.8	40.2	57.0		NNW	A.M. Overcast—light wind. P.M. Fine—light clouds and haze. Evening, Fine and starlight.
S 31	30.180	30.172	49.8	30.134	30.128	50.7	43	03.1	45.8	43.8	41.8	56.4		NNW	A.M. Thick haze. P.M. Overcast. Evening, Cloudy.
MEAN.	29.815	29.809	46.2	29.801	29.795	46.3	38.2	02.9	42.7	47.6	38.1	49.2	Sum. .929		Mean Barometer corrected ..... 9 A.M. 3 P.M. F. 29.772 .. 29.758 C. 29.765 .. 29.751
APRIL															
☉ 1	30.204	30.198	51.4	30.164	30.158	44.5	32	02.2	34.5	40.0	30.3	51.6		NNE	A.M. Fine—light clouds and wind—sharp frost during the night. P.M. Overcast. Evening, Fine and clear—sharp frost.
M 2	30.056	30.050	46.2	29.914	29.906	43.3	29	01.3	36.3	46.0	29.8	40.8		WSW	Fine—light clouds & wind throughout the day. Ev. Fine—light clouds.
T 3	29.978	29.972	48.5	29.934	29.926	43.7	33	01.6	39.4	43.4	34.3	47.3		N	A.M. Fine—light clouds and wind—sharp frost during the night. P.M. Overcast—light wind. Evening, Cloudy.
W 4	29.928	29.922	47.2	29.942	29.936	47.0	39	03.9	47.8	54.4	39.3	49.7	.016	W	A.M. Fine—light clouds and wind—rain during the night. P.M. Overcast. Evening, Dark heavy clouds.
T 5	30.014	30.008	52.2	29.934	29.926	50.3	40	02.4	51.4	56.2	44.9	55.2		W	A.M. Fine—nearly cloudless—lt. wind. P.M. Cloudy—lt. wind. Ev. [The same.
F 6	29.706	29.700	50.6	29.726	29.720	53.2	45	03.5	52.8	58.3	48.3	56.9	.036	W	A.M. Overcast—light wind—rain during the night—overcast the rest of the day. Rain at night.
S 7	29.550	29.542	52.5	29.326	29.320	53.4	48	03.6	51.7	52.6	50.3	58.8	.033	SW	Overcast—high wind throughout the day, with occasional rain.
☉ 8	29.188	29.182	49.7	29.340	29.334	50.6	42	02.9	41.8	48.9	41.5	52.8	.200	W	A.M. Overcast—light rain with high wind. Fine—light clouds with high wind the rest of the day.
M 9	29.762	29.756	50.7	29.868	29.862	50.3	37	04.9	43.7	47.6	40.0	49.6		NW	Fine—lt. clouds with brisk wind throughout the day. Ev. Fine & clear.
○ T 10	30.060	30.052	51.2	30.064	30.056	51.6	42	05.8	50.7	58.0	41.2	51.5		SSW	A.M. Cloudy—brisk wind. P.M. Fine—light clouds—high wind. Evening, Fine—light clouds.
W 11	30.184	30.178	60.8	30.084	30.078	54.7	46	00.6	54.0	63.4	48.8	59.2		S	A.M. Fine—light clouds & wind. P.M. Fine & cloudless. Ev. Cloudy.
T 12	30.230	30.222	60.2	30.194	30.188	54.6	44	04.9	49.6	55.7	43.0	64.2		NW	Fine and cloudless—light wind throughout the day. Ev. Fine & clear.
F 13	30.276	30.270	58.3	30.180	30.172	52.3	40	02.6	47.0	48.5	38.0	56.4		NW	A.M. Fine—light clouds and wind. Overcast the rest of the day.
S 14	29.986	29.980	49.4	30.002	29.996	49.7	42	04.9	46.2	49.7	43.8	50.8		S	Overcast throughout the day.
☉ 15	29.792	29.786	49.0	29.692	29.688	51.8	42	02.6	47.0	55.8	44.2	50.3		SW	Overcast—lt. brisk wind throughout the day. Ev. Light rain—h. wind.
M 16	29.718	29.712	51.7	29.664	29.658	49.2	34	06.6	43.5	43.4	37.8	56.8	.050	NW var.	Overcast—high wind throughout the day, with occasional rain & snow.
T 17	29.628	29.620	49.3	29.648	29.642	46.2	32	05.0	40.8	45.3	33.3	46.7	.025	NW	A.M. Lightly overcast—high wind. P.M. Light rain. Evening, Overcast—hail and rain, with high wind.
W 18	29.724	29.716	44.2	29.716	29.708	44.6	33	04.6	38.7	44.0	34.4	46.3	.075	NW	Overcast—light brisk wind throughout the day. Evening, Snow and rain with high wind.
T 19	29.716	29.708	41.8	29.706	29.698	43.7	35	02.5	36.2	42.8	34.4	44.7	.011	NW	Overcast—lt. wind with occasional rain throughout the day. Ev. Hail.
F 20	29.772	29.766	44.9	29.720	29.712	43.5	34	03.4	41.3	38.3	35.3	44.0		NNW	A.M. Fine—light clouds. P.M. Overcast—light snow, rain, and wind. Evening, Light rain.
S 21	29.658	29.652	42.3	29.556	29.550	44.7	35	04.5	41.8	47.4	36.2	44.0	.127	NW	A.M. Overcast—light wind. P.M. Fine—light clouds and wind. Evening, Fine and clear—high wind.
☉ 22	29.182	29.176	42.7	29.250	29.246	44.2	35	04.4	41.9	45.5	36.8	48.3		E var.	A.M. Overcast—very light rain—high wind. High wind throughout the night. P.M. Overcast.
M 23	29.372	29.366	49.3	29.296	29.290	48.8	37	04.6	50.3	52.8	41.0	51.5		S	A.M. Cloudy—lt. wind. P.M. Fine—lt. clouds & wind. Ev. Overcast [—lt. rain.
● T 24	29.460	29.454	47.4	29.566	29.558	48.8	40	03.5	44.8	49.4	40.8	54.7	.055	NE	A.M. Overcast—brisk wind. P.M. Fine—light clouds and wind. Evening, Light rain.
W 25	29.740	29.732	51.4	29.756	29.750	49.7	41	03.5	47.0	46.4	38.2	50.6	.036	NNE	Lightly overcast—brisk wind nearly the whole of the day. Evening, Lightning, with high wind.
T 26	29.864	29.856	47.6	29.904	29.898	48.9	42	02.6	46.0	44.9	43.0	51.0		NW	Overcast—high wind throughout the day.
F 27	29.926	29.920	47.8	29.900	29.892	47.8	37	05.0	43.8	46.8	37.8	49.2		NNE	A.M. Lightly overcast—high wind. P.M. Fine—light clouds and wind. Evening, Fine and clear—high wind.
S 28	29.840	29.836	51.3	29.764	29.756	46.8	35	05.5	43.8	48.7	35.0	47.7		NNE	A.M. Fine—light clouds—high wind. High wind throughout the night. P.M. Fine—nearly cloudless. Ev. Overcast.
☉ 29	29.708	29.704	60.3	29.696	29.692	48.0	32	06.7	41.2	46.2	36.2	50.4		NW	A.M. Fine—lt. clds. & wind. P.M. Ovct.—lt. snow & wind. Ev. Very lt. [rain.
M 30	29.546	29.540	45.7	29.506	29.500	48.2	35	05.4	45.7	50.5	38.8	47.0		SE	A.M. Overcast—light brisk wind. P.M. Very light rain. Evening, Rainbow visible, with lt. rain—rest of evening overcast—lt. rain.
MEAN.	29.792	29.786	49.9	29.767	29.761	48.5	37.9	03.8	44.7	49.0	39.2	50.9	Sum. .664		Mean Barometer corrected ..... 9 A.M. 3 P.M. F. 29.739 .. 29.718 C. 29.732 .. 29.711

METEOROLOGICAL JOURNAL FOR MAY AND JUNE, 1838.

1838.	9 o'clock, A.M. Barometer uncorrected. Flint Glass.	9 o'clock, A.M. Barometer uncorrected. Crown Glass.	9 o'clock, A.M. Att. Ther.	3 o'clock, P.M. Barometer uncorrected. Flint Glass.	3 o'clock, P.M. Barometer uncorrected. Crown Glass.	3 o'clock, P.M. Att. Ther.	Dew Point at 9 A.M., deg. Fahr.	Diff. of Wet and Dry Bulb Thermometer.	External Thermometers. Fahrenheit. 9 A.M.	External Thermometers. Fahrenheit. 3 P.M.	External Thermometers. Self-registering. Lowest	External Thermometers. Self-registering. Highest	Rain in inches. Read off at 9 A.M.	Direction of the Wind at 9 A.M.	REMARKS.
MAY															
T 1	29.632	29.626	48.4	29.598	29.592	50.3	42	04.0	48.8	53.6	45.3	53.0	.047	SSE	Overcast—light wind throughout the day, with occasional rain.
W 2	29.840	29.834	65.6	29.800	29.796	57.4	48	06.4	59.3	63.7	48.3	61.3	.111	S	A.M. Cloudy—light brisk wind. P.M. Fine—light clouds. Evening, Fine—light clouds. Distant thunder with vivid lightning.
T 3	29.870	29.864	56.6	29.838	29.832	58.4	50	05.1	56.7	61.2	51.7	64.6		S	A.M. Cloudy—light wind. P.M. Fine—light clouds—brisk wind. Evening, Fine and clear.
F 4	30.014	30.006	62.9	29.964	29.956	60.4	52	06.4	58.4	65.4	48.8	63.0		NE	A.M. Cloudy—lt. wind. P.M. Fine—lt. clouds. Evening, Fine & clear.
S 5	30.136	30.132	61.8	30.126	30.122	59.9	50	08.0	58.9	60.7	49.4	65.6		NW	A.M. Fine—light clouds—brisk wind. P.M. Cloudy—rain, with brisk wind. Evening, Fine and clear.
☉ 6	30.308	30.296	54.4	30.268	30.264	57.0	47	03.6	47.4	61.0	45.8	64.4	.105	NE	A.M. Lightly overcast—light wind. P.M. Fine—light clouds and wind. Evening, Fine and clear.
M 7	30.328	30.324	65.4	30.272	30.264	59.2	42	07.0	54.4	72.8	42.3	61.4		N	Fine & cloudless—light wind throughout the day. Ev. Fine & clear.
T 8	30.328	30.322	64.2	30.262	30.254	61.7	51	08.9	64.2	73.4	50.3	73.2		NE	Fine & cloudless—light wind throughout the day. Ev. Fine & clear.
○ W 9	30.200	30.198	75.0	30.122	30.116	62.4	50	10.7	59.9	68.3	48.8	73.3		N	A.M. Fine—very light clouds and wind. P.M. Fine and cloudless. Evening, Lightly overcast.
T 10	30.346	30.340	63.6	30.370	30.362	57.3	42	09.0	51.3	52.7	43.8	70.3		NE var.	A.M. Fine—light clouds and wind. P.M. Fine—nearly cloudless—brisk wind. Evening, Fine and clear.
F 11	30.394	30.390	65.6	30.294	30.288	55.8	38	07.9	49.4	57.0	38.3	55.3		NE	A.M. Light clouds and wind. P.M. Fine and cloudless. Evening, Fine and clear.
S 12	30.148	30.144	62.4	30.002	29.994	56.6	41	08.9	53.4	63.8	41.7	58.4		N	Fine & cloudless—lt. wind throughout the day. Ev. Lightly overcast.
☉ 13	29.686	29.678	54.9	29.638	29.634	57.0	44	04.5	49.7	49.6	46.2	63.6		NW	Overcast—light wind, with occasional light rain throughout the day. Evening, Cloudy.
M 14	29.668	29.660	56.4	29.654	29.646	54.3	38	05.2	46.8	49.4	40.4	56.2		NW	Cloudy—light wind throughout the day. Evening, Fine and clear.
T 15	29.764	29.758	62.8	29.732	29.728	52.8	35	06.6	45.2	50.8	36.2	53.6		N	Fine—light clouds and wind throughout the day. Ev. Fine & clear.
W 16	29.858	29.850	61.2	29.818	29.810	52.3	32	06.7	47.4	51.7	36.8	54.7		E	Fine—light clouds and wind throughout the day. Ev. Fine & clear.
T 17	29.812	29.804	50.3	29.770	29.764	51.4	37	05.7	47.3	55.0	38.9	52.8		NE	A.M. Lightly overcast—light wind. P.M. Fine—light clouds and wind. Evening, Cloudy.
F 18	29.866	29.860	64.3	29.886	29.878	53.6	38	09.4	49.3	54.3	39.0	55.4		NW	Fine—nearly cloudless—light wind throughout the day. Evening, Fine and clear.
S 19	29.826	29.818	53.0	29.814	29.806	53.3	40	06.6	50.0	57.7	40.9	55.2		E	Overcast—light brisk wind throughout the day. Evening, Cloudy.
☉ 20	29.592	29.586	53.2	29.536	29.532	54.8	45	05.1	52.5	56.0	49.6	58.6		E	A.M. Overcast—brisk wind. P.M. Overcast—light rain. Evening, Continued rain.
M 21	29.540	29.532	61.7	29.576	29.570	58.3	46	07.1	56.7	60.4	50.2	65.0	.038	S	A.M. Overcast—light brisk wind. P.M. Fine—light clouds—high wind. Evening, Overcast.
T 22	29.530	29.522	57.5	29.592	29.586	57.8	50	05.4	54.5	55.3	52.0	60.7		SE	A.M. Overcast—very lt. rain. P.M. Overcast—lt. wind. Ev. Cloudy.
● W 23	29.796	29.788	58.8	29.810	29.802	56.9	45	08.0	55.0	56.7	46.8	59.3	.033	NW	A.M. Cloudy—lt. brisk wind. P.M. Overcast. Ev. Overcast—lt. rain.
T 24	29.900	29.896	55.0	29.918	29.912	56.9	46	04.2	51.7	56.8	48.3	57.4	.041	NW	Overcast—light wind throughout the day. Evening, Fine & clear. Rain during the night.
F 25	30.012	30.004	55.7	29.982	29.976	57.3	47	02.7	49.7	61.2	46.8	57.7		N	A.M. Overcast—lt. wind. P.M. Fine—lt. clouds & wind. Ev. Overcast.
S 26	30.076	30.068	53.3	30.084	30.078	55.8	47	04.3	50.8	55.3	46.2	61.2		NE	A.M. Overcast—light brisk wind. P.M. Fine—nearly cloudless. Evening, Fine—light clouds.
☉ 27	29.978	29.970	58.8	29.864	29.860	55.5	44	06.1	51.4	56.5	42.6	59.8		NE	A.M. Overcast—light brisk wind. P.M. Fine—light clouds—brisk wind. Evening, Fine and starlight.
M 28	29.560	29.554	54.2	29.574	29.568	56.9	50	00.7	53.4	59.0	48.2	56.7	.077	ENE	A.M. Overcast—light rain. P.M. Overcast—light wind. Evening, Fine and clear. Rain during the night.
T 29	29.628	29.624	67.7	29.670	29.664	61.2	52	07.7	60.2	64.8	51.6	69.7	.166	SSE	A.M. Cldy—lt. wind. P.M. Fine—lt. clds.—h. wind. Ev. Fine & clear.
W 30	29.808	29.800	62.2	29.838	29.832	61.8	51	06.5	59.3	66.4	52.8	70.4	.013	S	A.M. Lightly overcast. P.M. Fine—light clouds and wind. Evening, Fine and clear.
T 31	29.924	29.920	67.8	29.928	29.920	63.8	53	07.5	62.2	68.2	52.2	67.0		S	A.M. Fine—light clouds and wind. P.M. Lightly cloudy. Evening, Thunder storm, with lightning and heavy rain.
MEAN.	29.915	29.909	59.8	29.890	29.884	57.0	44.9	09.2	53.4	59.3	45.8	61.3	Sum. .571		Mean Barometer corrected ..... 9 A.M. 3 P.M. F. 29.835 .. 29.818 C. 29.827 .. 29.811
JUNE															
F 1	29.974	29.970	66.0	29.920	29.912	63.7	56	07.8	60.8	61.3	52.7	70.3	.372	NW	A.M. Fine—light clouds. P.M. Overcast—heavy rain. Evening, Continued rain.
S 2	29.836	29.830	62.6	29.780	29.772	64.2	55	06.4	59.3	65.7	52.5	70.3	.644	S	A.M. Lightly overcast—lt. wind. P.M. Heavy rain. Ev. Fine & clear.
☉ 3	29.800	29.796	64.7	29.754	29.750	64.0	55	07.4	59.5	63.9	51.3	66.0	.341	S	A.M. Cloudy—heavy rain—lt. wind. P.M. Overcast. Ev. Cloudy.
M 4	29.732	29.728	67.0	29.740	29.734	63.7	54	08.1	61.5	65.3	53.6	66.6	.055	S	Fine—light clouds and wind, with occasional showers. Evening, Fine and clear.
T 5	29.924	29.920	67.8	29.906	29.900	64.2	54	07.2	58.6	67.8	50.4	70.5	.022	SSW	Cloudy throughout the day.
W 6	30.052	30.044	59.8	30.100	30.096	60.4	52	03.8	52.7	55.5	51.0	69.3		NW	Overcast—light wind throughout the day. Ev. Fine and clear.
T 7	30.212	30.204	60.6	30.162	30.154	61.0	51	06.1	54.9	62.5	50.6	58.7		NW	Cloudy—light wind throughout the day. Evening, Fine and clear.
○ F 8	30.304	30.298	79.3	30.278	30.270	61.6	42	09.1	51.7	57.3	44.2	64.3		NW	Fine—light clouds and wind throughout the day. Ev. Fine & clear.
S 9	30.240	30.234	64.6	30.128	30.120	61.8	48	08.0	59.0	63.4	47.0	70.3		SW	A.M. Fine—light clouds and wind. P.M. Cloudy—light wind. Evening, Cloudy.
☉ 10	29.798	29.792	58.9	29.682	29.678	61.0	50	07.8	59.3	62.0	50.5	64.2		S	A.M. Cloudy—light brisk wind. P.M. Overcast—light wind. Evening, Heavy rain.
M 11	29.518	29.512	58.6	29.538	29.532	61.0	53	03.7	55.2	54.7	52.3	63.0	.227	NE	Overcast—light wind, with heavy showers the whole of the day.
T 12	29.564	29.556	60.0	29.600	29.594	61.3	54	05.5	55.7	60.0	52.4	60.8	.533	S	A.M. Dark heavy clouds—rain early. P.M. Heavy rain—hail and thunder. Evening, Fine & clear.
W 13	29.682	29.676	59.3	29.680	29.674	60.6	53	05.3	56.8	61.3	50.8	62.8	.366	NW	A.M. Overcast—light wind. P.M. Fine—light clouds and wind. Evening, Overcast—heavy rain.
T 14	29.744	29.736	60.7	29.780	29.774	63.0	54	06.8	59.8	63.4	51.2	63.0	.100	S	A.M. Fine—lt. clouds & wind. P.M. Cloudy—brisk wind. Ev. Lt. rain.
F 15	29.784	29.776	63.6	29.728	29.722	62.8	55	06.1	60.7	61.4	54.0	64.5	.025	S	Overcast—light wind throughout the day, with occasional light rain.
S 16	29.800	29.792	61.2	29.836	29.828	64.3	54	06.2	61.8	69.3	54.8	65.6	.013	S	Lightly overcast—light wind throughout the day. Ev. Light rain.
☉ 17	29.888	29.882	64.5	29.858	29.854	66.6	60	05.4	63.5	70.6	60.3	70.4	.172	S	Overcast—light wind the whole of the day. Rain during the night.
M 18	29.682	29.678	68.9	29.576	29.572	69.2	62	06.2	68.3	69.8	61.0	71.5	.022	ENE	A.M. Overcast—brisk wind—thunder and lightning, with heavy rain. P.M. Dark clouds—high wind. Evening, Light rain.
T 19	29.826	29.820	70.8	29.872	29.866	67.3	58	08.2	63.8	66.4	54.7	71.7	.177	S	A.M. Fine—lt. clouds & wind. P.M. Cloudy—lt. wind. Ev. Overcast.
W 20	29.736	29.728	63.8	29.708	29.704	65.2	60	04.9	61.0	64.4	56.2	67.3	.283	SW	Overcast—light rain and wind throughout the day.
T 21	29.590	29.584	63.9	29.692	29.686	65.6	58	05.2	60.8	63.8	59.0	67.2	.033	W	A.M. Lightly overcast—brisk wind. P.M. Overcast—heavy shower. Evening, High wind.
● F 22	29.860	29.854	66.6	29.880	29.872	65.0	57	07.1	62.4	64.8	53.6	72.3		SW var.	A.M. Dark heavy clouds—brisk wind. P.M. Fine—light clouds and wind. Evening, Fine and clear.
S 23	30.192	30.186	74.6	30.148	30.142	66.3	56	07.3	62.4	70.4	51.7	72.6	.227	NW	Fine—very light clouds the whole of the day. Ev. Fine and clear.
☉ 24	30.052	30.048	75.5	29.996	29.992	68.0	59	09.3	66.7	76.5	54.8	79.7		E	Fine—nearly cloudless—lt. wind throughout the day. Ev. Fine & clear.
M 25	30.090	30.082	70.0	30.072	30.066	70.4	61	08.1	68.3	71.8	61.6	77.3		NNW	Cloudy—light wind the whole of the day. Ev. Overcast—light rain.
T 26	30.000	29.994	65.3	29.992	29.984	66.3	60	03.1	57.4	61.0	56.0	72.8	.572	N	A.M. Overcast—light rain—heavy rain during the night. P.M. Overcast. Evening, Very light rain.
W 27	30.044	30.036	69.2	30.038	30.030	66.8	59	07.9	65.0	61.8	57.0	74.6	.019	SW	A.M. Cloudy—very light rain and wind. P.M. Overcast—light wind.
T 28	30.050	30.044	65.0	30.014	30.006	66.8	58	06.6	62.9	65.6	57.3	66.3		S	Overcast—light wind throughout the day.
F 29	29.998	29.992	75.7	30.004	29.996	67.2	57	09.0	62.8	59.0	54.3	72.8		W	A.M. Fine—light clouds and wind. P.M. Overcast—thunder—light rain. Evening, Light rain.
S 30	29.974	29.970	74.8	29.914	29.906	66.0	56	09.1	62.8	66.3	52.0	72.7	.169	S	Fine—light clouds and wind throughout the day. Evening, Overcast—light rain.
MEAN.	29.898	29.892	66.1	29.879	29.873	64.5	55.4	06.8	60.5	64.2	53.6	68.6	Sum. 4.372		Mean Barometer corrected ..... 9 A.M. 3 P.M. F. 29.802 .. 29.787 C. 29.795 .. 29.780